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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,318	01/26/2004	Tomohide Kasame	118451	6472

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EXAMINER

SHIN, CHRISTOPHER B

ART UNIT PAPER NUMBER

2181

DATE MAILED: 10/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/763,318

Applicant(s)

KASAME ET AL.

Examiner

Christopher B. Shin

Art Unit

2181

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 23 June 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 9, 10 and 21-26 is/are rejected.
- 7) ☒ Claim(s) 5-8 and 11-20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. The amendment received June 23, 2006 has been entered and carefully considered.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-4, 9-10 & 21-26 are rejected under 35 U.S.C. 102(e) as being anticipated by Sindhu et al. (US 2005/0201396).

a. As for claims 1-4 & 9-10, the Sindhu reference teaches, in figures 1 and 23 and the respective descriptive sections, the basic claimed limitations as follows:

Claims 1-4 & 9-10                      Sindhu et al (figures 2B, 3A, 5A)

- An input terminal to which the input signal is input
  - (300)/(150)
- An operation processing section which executes the operation processing
  - (150), see figure 3A
- An input/output processing circuit which execute predetermined processing for the input signal and supplies the processed input signal to the operation processing section
  - (150), see figure 3A
- A processing switch section which switches the predetermined processing of the input processing circuit
  - (100/106); see figure 5A

Art Unit: 2181

- 2. wherein the processing switch section stores processing,
  - (100/106), see figure 5A
- which the input processing circuit is able to execute, as input processing information and switches the processing of the input processing circuit based on the input processing information
  - feature of (100/106, 150)
- 3. wherein the switch section switches the processing of the input processing of the input processing circuit based on an operation result output by the operation processing section
  - feature of (100/106, 150)
- 4. wherein the processing switch section switches the processing of the input processing circuit in a time-sharing manner
  - feature of (100/106, 150)
- 9. wherein the input terminal is a plurality of input terminals
  - feature of (300/150)
- the input processing circuit switches a connection relationship between the plurality of input terminals and the operation processing section
  - feature of (100/106, 150)
- 10. wherein the input processing circuit executes separate processing for input signals input from the plurality of input terminals
  - feature of (100)

b. Since the claimed limitations read on the teachings of the Sindhu reference, the claimed invention is anticipated by the Sindhu reference.

c. As for claims 21, 22-24, 25 & 26, due to the similarities between the above-discussed claims and the claims 21, 22-24, 25 & 26, respectively, the teachings of the above-discussed claims 1-4, 9-10 are similarly applied.

d. Examiner also notes and believes that the respective claims 21, 22-24, 25 & 26 recite the same/single invention as the claims 1-4 & 9-10. If the applicant disagrees, the applicant should let the examiner know so that the examiner can issue a restriction requirement.

***Allowable Subject Matter***

4. Claims 5-8 and 11-20 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher B. Shin whose telephone number is 571-272-4159. The examiner can normally be reached on 6:30-5:00 M,Tu,Th,F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fritz Fleming can be reached on 571-272-4145. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Christopher Shin  
Primary Examiner  
Of 2181

October 9, 2006  
cbs

A handwritten signature in black ink, appearing to be 'C. Shin', written over a horizontal line.